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## Analysis of bacterial transmission in contacts lens wear and care

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## Stellingen

Behorend bij het proefschrift "Analysis of bacterial transmission in contact lens wear and care"

Wenwen Qu

2 April 2012

1. Microbial keratitis can be regarded as a transmission phenomenon of pathogenic organisms from a contact lens case to the contact lens to the cornea. (this thesis).
2. Whether or not bacterial transmission from one surface to another occurs, depends on the balance between bacterial adhesion-forces of the donating and receiving surface. (this thesis).
3. Probabilities of bacterial transmission from contaminated lens cases to corneas can be derived from Weibull-analyses of bacterial adhesion forces to the various surfaces. (this thesis).
4. More favorable thermodynamic conditions for bacterial transmission are accompanied by significantly higher transmission probabilities. (this thesis).
5. Designing the desired properties of lens case surfaces is a trade-off between increased transmission or better cleanability of the lens case. (this thesis).
6. When work is a pleasure, life is a joy!
7. Nothing in life has to be feared, it only needs to be understood.
8. Life is just a series of attempts to make up your mind.
9. The international language of science is broken English.
10. If you want something done well, you must do it yourself.

